



# State of Utah

## DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

Michael O. Leavitt  
Governor

Dianne R. Nielson, Ph.D.  
Executive Director

Don A. Ostler, P.E.  
Director

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July 8, 1997

Mr. Shawn D. Davis  
Construction Engineer  
Barrick Resources (USA) Inc.  
Barrick Mercur Gold Mine  
P.O. box 838  
Tooele, Utah 84074

Dear Mr. Davis:

Subject: Approval - Dewatering Well/Valley Fill Leach Area No. 3

We have completed our review of the plans and specifications for construction of a well to dewater valley fill leach area No. 3, prepared by your consultant TriTechnics Corporation, and submitted to us on June 17, 1997.

The purpose of the well is to provide maximum dewatering of the valley fill leach facility to reduce the potential for infiltration of fluids through the liner. Barrick will use as-built drawings and survey datums to both identify the lower area of the valley fill and to provide accurate elevation data to decide the depth of at which to place the well. The well will be installed and operated according to the provisions of our May 23, 1997-letter referring to the conceptual closure plan (Permit No. UGW 450001).

Based on our review, the proposed project complies with, R317, *Water Quality Rules Utah Administrative Code*, for the stated activity, and is hereby approved.

Barrick must proceed with the proposed dewatering activity at their own risk. Should the proposed well puncture the HDPE liner and result in a release of contaminated water to the subsurface enforcement action may be taken including but not limited to investigative and monitoring requirements. Thus, we urge you to proceed with extreme caution in this endeavor.

If we can be of further assistance, please contact me or Mr. Lyle Stott of my staff.

Sincerely,

Don A. Ostler, P.E.  
Director

cc: Wayne Hedberg - Division of Oil, Gas and Mining  
Jeff Coombs, Tooele County Health Department

DAO:LWS:wlm

L:WQ\ENG-WQ\STOTT\WP\BAR-WELL-APR  
FILE:BARRICK

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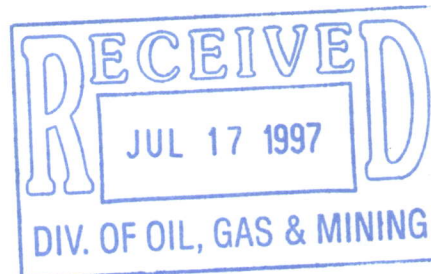
Joe C. Nielson

— K.C. Shaw, P.E.

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Executive Secretary



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